

In the Claims:

Please cancel claims 1-96 and 142-768 without prejudice.

The following lists all claims and their status:

1-96 (cancelled)

97. (original) A variable stride exercise apparatus, comprising:

a frame;

a crank system coupled to the frame;

a foot member coupled to the crank system, wherein the foot member comprises a footpad;

a variable stride system coupled to the foot member such that at least a portion of the variable stride system is under at least a portion of the footpad, wherein the variable stride system is configured to allow a user of the apparatus to vary the length of the user's stride during use of the apparatus;

wherein the apparatus is configured such that a foot of the user can travel in a substantially closed path during use of the apparatus; and

wherein the apparatus is configured such that at least a portion of the apparatus remains substantially stationary during use.

98. (original) The apparatus of claim 97, wherein the substantially closed path comprises a substantially elliptical path.

99. (original) The apparatus of claim 97, wherein the substantially closed path comprises an orbital path.

100. (original) The apparatus of claim 97, wherein the apparatus is configured such that the foot of the user travels in a substantially closed path during use of the apparatus.

101. (original) The apparatus of claim 97, wherein the apparatus is configured such that the foot of the user can also travel in a curvilinear path during use of the apparatus.

102. (original) The apparatus of claim 97, wherein the variable stride system is configured such that the user of the apparatus, by varying the user's stride, can thereby selectively vary a path of the foot member.

103. (original) The apparatus of claim 97, wherein the variable stride system is configured to allow the user of the apparatus to instantaneously vary the length of the user's stride during use of the apparatus.

104. (original) The apparatus of claim 97, further comprising a second foot member, wherein the foot member and the second foot member comprise a left foot member and a right foot member, and wherein the left foot member and the right foot member are cross coupled so that the left foot member moves in opposition to the right foot member.

105. (original) The apparatus of claim 97, further comprising a movable member coupled to the foot member.

106. (original) The apparatus of claim 97, further comprising one or more links coupled to the foot member.

107. (original) The apparatus of claim 97, further comprising a movable member coupled to the crank system.

108. (original) The apparatus of claim 97, further comprising a movable member coupled to the crank system, wherein at least a portion of the movable member is configured to move in a reciprocating path.

109. (original) The apparatus of claim 97, further comprising a movable member coupled to the crank system, wherein at least a portion of the movable member is configured to move in a closed path.
110. (original) The apparatus of claim 97, further comprising a movable member, wherein the movable member is coupled to the foot member and the crank system.
111. (original) The apparatus of claim 97, wherein the foot member is coupled to the crank system through the variable stride system.
112. (original) The apparatus of claim 97, further comprising a movable member, wherein the foot member is coupled to the movable member through the variable stride system.
113. (original) The apparatus of claim 97, further comprising an arm link coupled to the foot member.
114. (original) The apparatus of claim 97, further comprising an arm link coupled to the foot member through two or more links.
115. (original) The apparatus of claim 97, further comprising an arm link coupled to the foot member, wherein the arm link is pivotally coupled to the frame.
116. (original) The apparatus of claim 97, further comprising a movable member coupled to the foot member, wherein the foot member is coupled to the movable member such that the foot member is configured to move in a dynamic angular relationship to the movable member.
117. (original) The apparatus of claim 97, wherein the variable stride system comprises at least one cam device.

118. (original) The apparatus of claim 97, wherein the variable stride system comprises one or more cam devices and one or more rollers, and wherein at least one of the rollers is configured to translate along a surface of at least one of the cam devices during use.

119. (original) The apparatus of claim 118, wherein at least one of the cam devices comprises a portion of the foot member.

120. (original) The apparatus of claim 97, wherein the variable stride system comprises a spring.

121. (original) The apparatus of claim 97, wherein the variable stride system comprises a damper.

122. (original) The apparatus of claim 97, further comprising a movable member, wherein the movable member is translatably coupled to the frame.

123. (original) The apparatus of claim 97, further comprising a movable member, wherein the movable member is translatably coupled to the frame through a roller.

124. (original) The apparatus of claim 97, wherein the crank system comprises a pulley.

125. (original) The apparatus of claim 124, wherein the pulley is coupled to a brake/inertia device.

126. (original) The apparatus of claim 97, further comprising a telescoping member coupled to the foot member.

127. (original) The apparatus of claim 97, further comprising a telescoping member having at least one damper coupled to the foot member.

128. (original) The apparatus of claim 97, wherein the variable stride system is configured to allow the user of the apparatus to selectively vary the user's stride length based on an amount of force applied by the user's foot during use of the apparatus.

129. (original) The apparatus of claim 97, wherein the variable stride system is configured to provide a force that restores the footpad to a neutral position during use of the apparatus.

130. (original) The apparatus of claim 97, wherein the variable stride system is coupled to the foot member such that a force from a majority of the weight of the user is applied to the variable stride system.

131. (original) The apparatus of claim 97, wherein the apparatus is configured such that articulation of the user's foot is controlled in combination with the user's stride length during use of the apparatus.

132. (original) The apparatus of claim 97, wherein the crank system is coupled to the frame at a forward portion of the frame.

133. (original) The apparatus of claim 97, wherein the crank system is coupled to the frame at a rearward portion of the frame.

134. (original) The apparatus of claim 97, wherein the crank system is directly attached to the frame.

135. (original) The apparatus of claim 97, wherein the variable stride system is directly attached to the foot member.

136. (original) The apparatus of claim 97, further comprising a movable member directly attached to the crank system.

137. (original) The apparatus of claim 97, further comprising a movable member directly attached to the crank system and the variable stride system.

138. (original) The apparatus of claim 97, further comprising a housing, wherein the housing encloses at least a portion of the crank system.

139. (original) The apparatus of claim 97, further comprising a pivotal member coupled to the variable stride system, wherein the pivotal member is configured to allow independent pivoting of the variable stride system relative to the foot member during use of the apparatus.

140. (original) The apparatus of claim 97, further comprising a second crank system coupled to the variable stride system.

141. (original) The apparatus of claim 97, further comprising a second crank system coupled to the variable stride system, wherein the crank system and the second crank system are configured to allow independent pivoting of the foot member relative to the variable stride system during use of the apparatus.

142-768 (cancelled).